TRAITE DE COOPERATION EN MATIERE DE BREVETS

Expédire

PCT

NOTIFICATION CONCERNANT LA TRANSMISSION DE DOCUMENTS Expéditeur: le BUREAU INTERNATIONAL

United States Patent and Trademark Office (Box PCT) Crystal Plaza 2 Washington, DC 20231 **ETATS-UNIS D'AMERIQUE**

en sa qualité d'office élu

Date d'expédition (jour/mois/année)

18 juillet 1997 (18.07.97)

Demande internationale no PCT/FR95/01338

Date du dépôt international

12 octobre 1995 (12.10.95)

Déposant

NATHAN, Guy etc

Le Bureau international transmet ci-joint le nombre de copies indiqué ci-après des documents suivants:

copie de la traduction en langue anglaise du rapport d'examen préliminaire international (article 36.3)a))

MAY 2 6 1998

Bureau international de l'OMPI 34, chemin des Colombettes 1211 Genève 20, Suisse

Fonctionnaire autorisé

Jean-Marie McAdams

no de télécopieur: (41-22) 740.14.35

no de téléphone: (41-22) 338.83.38

TRAITE D. JOOPERATION EN MATIERE É BREVETS

Expéditeur: le BUREAU INTERNATIONAL

PCT	Destinataire:
NOTIFICATION D'ELECTION (règle 61.2 du PCT)	United States Patent and Trademark Office (Box PCT) Washington D.C. 20231 United States of America
Date d'expédition (jour/mois/année) 29 mai 1996 (29.05.96)	en sa qualité d'office élu
Demande internationale no PCT/FR95/01338	Référence du dossier du déposant ou du mandataire TT07/PCT
Date du dépôt international (jour/mois/année) 12 octobre 1995 (12.10.95)	Date de priorité (jour/mois/année) 12 octobre 1994 (12.10.94)
Déposant NATHAN, Guy etc	
international le: 10 mai 1996 (** dans une déclaration visant une élection ultérieure d 2. L'élection X a été faite n'a pas été faite	
Bureau international de l'OMPI 34, chemin des Colombettes 1211 Genève 20, Suisse	Fonctionnaire autorisé F. Gateau
no de télécopieur: (41-22) 740.14.35	no de téléphone: (41-22) 730.91.11



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference		See Notification of Transmittal of International
TT07/PCT	FOR FURTHER ACTIO	Preliminary Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/m	nonth /year) Priority date (day/month/year)
PCT/FR 95/01338	12/10/1995	12/10/1994
International Patent Classification (IPC) o	r national classification and IPC	
	G07F17/30	
Applicant		
NATHAN, Guy et al.		
This international preliminary exa and is transmitted to the applicant		red by this International Preliminary Examining Authority
2. This REPORT consists of a total	of 4 sheets, includi	ing this cover sheet.
been amended and are the l		ets of the description, claims and/or drawings which have ts containing rectifications made before this Authority (see ons under the PCT).
These annexes consist of a total o	f sheets.	RECE., ES
3. This report contains indications re	elating to the following items:	MAY 2 6 1998
I X Basis of the report		GROUP 3200
II Priority		GROUP 3200
III Non-establishment o	of opinion with regard to novelty	, inventive step and industrial applicability
IV Lack of unity of the		
	under Article 35(2) with regard ations supporting such statement	to novelty, inventive step or industrial applicability:
VI Certain documents o	ited	
VII Certain defects in the	e international application	
VIII Certain observations	on the international application	1
Date of submission of the demand	Date	of completion of this report
10/05/1996	16.	.01.97
Name and mailing address of the IPEA/	EP Autho	orized officer
		·
Facsimile No.	Telep	phone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FR95/1338

I. Basis of the report		
1. This report has been drawn of under Article 14 are referred to	n the basis of (Replacement sh in this report as "originally fil	neets which have been furnished to the receiving Office in response to an invitation led" and are not annexed to the report since they do not contain amendments.):
X the internationa	l application as originally	filed.
the description,	pages	, as originally filed,
_	pages	, filed with the demand,
	pages	, filed with the letter of,
	pages	, filed with the letter of
the claims,	Nos	, as originally filed,
	Nos.	, as amended under Article 19,
	Nos	, filed with the demand,
	Nos.	, filed with the letter of ,
	Nos.	, filed with the letter of
the drawings,	sheets/fig	, as originally filed,
	sheets/fig	, filed with the demand,
	sheets/fig	, filed with the letter of ,
	sheets/fig	, filed with the letter of
the description, the claims, the drawings,	Nos.	•
		the amendments had not been made, since they have been considered in the Supplemental Box (Rule 70.2(c)).
4. Additional observations, if r	necessary:	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/FR 95/01338

V.	Reasoned statement under Article 3 citations and explanations supporting	5(2) with regard to noving such statement	elty, inventive step or industrial applic	ability;
1.	Statement			
	Novelty (N)	Claims	1-10	YES
		Claims		NO
	Inventive step (IS)	Claims	1-10	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-10	YES
		Claims		NO

2. Citations and explanations

None of the cited documents mentions <u>interactive</u> selection means or billing means. Although the latter feature seems obvious in terms of inventive step, this is not the case for the first feature. The subject matter of claim 1 is thus novel and involves an inventive step.

The same applies to the subject matter of claims 2-10.

TRAITE DE COPPERATION EN MATIERE DE PREVETS

PCT

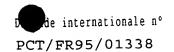
7 2 U JAN 1997

RAPPORT D'EXAMEN PRELIMINAIRE INTERNATIONAL

(article 36 et règle 70 du PCT)

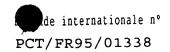
Référence du dossier du déposant ou du mandataire TT07/PCT	POUR SUITE A DONN		ransmission du rapport d'examen al (formulaire PCT/IPEA/416)
Demande internationale n° PCT/FR 95/ 01338	Date du dépôt internatio (jour/mois/année) 12/10/1995	12/10	priorité (<i>jour mois année)</i>)/1994
Classification internationale des brevets (C	IB) ou classification nations	le et CIB	
	G07F17/30		
Déposant NATHAN, Guy et al.			
Le présent rapport d'examen préli international, est transmis au dépo	osant conformément à l'arti	le 36.	
2. Ce RAPPORT comprend	feuilles, y comprise	a présente feuille de couverture	•
été modifiées et qui servent o	de base au présent rapport : 'examen préliminaire intern	de la description, des revendica ou de feuilles contenant des rect tional (voir la règle 70.16 et l'ir	ifications faites auprès de
Ces annexes comprennent	feuilles.		
 Le présent rapport contient des in 	dications et les pages corre	pondantes relatives aux points s	suivants:
[X] Base du rapport			
II Priorité			
III Absence de formulatio industrielle	n d'opinion quant à la nouv	eauté, l'activité inventive et la p	ossibilité d'application
IV Absence d'unité de l'in	vention		·
V Déclaration motivée se d'application industriel	elon l'article 35(2) quant à l le; citations et explications	nouveauté, l'activité inventive l'appui de cette déclaration	et la possibilité
VI Certains documents cit	tés		
VII Irrégularités dans la de	emande internationale		
VIII Observations relatives	à la demande internationale		
Date de précentation de la demande d'avec	non práliminairo	Date d'achèvement du présent	rannort
Date de présentation de la demande d'exar international	nen prenminaire	Date d'achevement du present	таррогс
10/05/1996			1 6. 01. 97
Nom et adresse postale de l'administration préliminaire international	chargée de l'examen	Fonctionnaire autorisé	
Office Européen des Brevets	s	douillas 1	l A Havina
D-80298 Munich Tel. (+49-89) 2399-0, Tx: 5	23656 epmu d		JC. Houillon
Fax: (+49-89) 2399-4465		N° de Télephone (- 498)	9) 2399 - 7640

RAPPORT D'EXAMEN PRELIMINAIRE INTERNATIONAL



I. Base du rapport	
 Le présent rapport a été rédigé sur la base des élémen remises à l'office récepteur en réponse à une invitati dans le présent rapport comme "initialement déposées" ne contiennent pas de modifications.): (x) de la demande internationale telle qu'initialem 	on faite conformément à l'article 14 sont considérées et ne sont pas jointes en annexe au rapport puisqu'elles
(X) de la demande incommentation de la	•
[] de la description, pagespages	, telles qu'initialement déposées, déposées avec la demande d'examen préliminaire international,
	, déposées sous couvert d'une lettre du,
pages	du, déposées sous couvert d'une lettre
[] des revendications, nos.	telles qu'initialement déposées, telles que modifiées en vertu de
nos	l'article 19,
nos.	, déposées avec la demande d'examen préliminaire international,
,	, déposées sous couvert d'une lettre du,
nos.	, déposées sous couvert d'une lettre du,
[] des dessins, feuilles/fig	telles qu'initialement déposées,
feuilles/fig	
feuilles/fig	, déposées sous couvert d'une lettre
feuilles/fig	déposées sous couvert d'une lettre du,
2. Les modifications ont entraîné l'annulation	
[] de la description, pages	



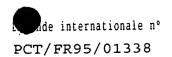


۷.		quant à la nouveauté, l'activité inventive et la possibilit explications à l'appui de cette déclaration	é
1.	DECLARATION		
	Nouveauté	Revendications 1-10	
	Activité inventive	Revendications 1-10	
	Possibilité d'application industrielle	Revendications 1-10	OUI

2. CITATIONS ET EXPLICATIONS

Aucun des documents cités ne mentionne de moyens <u>interactifs</u> de sélection ou de moyens de facturation. Quoique cette dernière caractéristique semble, du point de vue activité inventive, couler de source, ce n'est pas le cas de la première caractéristique. L'objet de la revendication 1 est donc nouveau et implique de l'activité inventive. Il en est de même pour l'objet des revendications 2-10.





	[] des revendications, nos [] des dessins, feuilles/fig
3.	[] Le présent rapport a été formulé abstraction faite (de certaines) des modifications, qui ont été considérées comme allant au-delà de l'exposé de l'invention tel qu'il a été déposé (règle 70.2.c)).
4.	Observations complémentaires, le cas échéant:

Int tuenal Application No PUT/FR 95/01334

A. CLASS IPC 6	SIFICATION OF SUBJECT MATTER G07F17/30 G11B27/00		871-32
According	to International Patent Classification (IPC) or to both national cla	essification and IPC	
	S SEARCHED		
IPC 6	documentation searched (classification system followed by classific G07F G11B	cauon symbols)	
Documenta	ation searched other than minimum documentation to the extent the	at such documents are included in the fields	searchod
Electronic	data base consulted during the international search (name of data b	pase and, where practical, search terms used	
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.
A	WO,A,93 18465 (ARACHNID) 16 Sept cited in the application see abstract; claims 1-15; figur see page 10, line 12 - page 12,	res 1-4B	1,4
A	US,A,5 166 886 (C.E. MOLNAR) 24 1992 see abstract; claims 1-22; figur see column 2, line 61 - column 1	res 1-3	1-4
A	DE,A,38 20 835 (U. BLUM-BURKHARD January 1989 see the whole document	T) 12	1-4
			·
Furth	ner documents are listed in the continuation of box C.	Patent family members are listed in	n annex.
'A' document consider defiling de 'L' document which is citation 'O' document other m	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified) nt referring to an oral disclosure, use, exhibition or	"T" later document published after the inter or priority date and not in conflict wit cated to understand the principle or the invention. "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the doc document of particular relevance; the cannot be considered to involve an inv document is combined with one or moments, such combination being obvious in the art.	the application but cory underlying the daimed invention be considered to nument is taken alone daimed invention when the such the such docu-
	an the priority date claimed	*&* document member of the same patent i	iamily
	February 1996	Date of mailing of the international sea	26. 02.9 6
	ailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+ 31-70) 340-2040, Tz. 31 651 epo nl. Fax: (+ 31-70) 340-3016	Authorized officer David, J	

information on patent family members

Intrapolation No PCI/FR 95/01334

Patent document cited in search report	Publication date	Patent memb		Publication date
WO-A-9318465	16-09-93	US-A- CA-A- EP-A- JP-T-	5355302 2131375 0630501 7504517	11-10-94 16-09-93 28-12-94 18-05-95
US-A-5166886	24-11-92	NONE		
DE-A-3820835	12-01-89	NONE		

Inter onal Application No PC I / FR 95/01338

A. CLASSI IPC 6	FICATION OF SUBJECT MATTER G07F17/30 G11B27/00		871-36
	o International Patent Classification (IPC) or to both national classification	fication and IPC	
	SEARCHED ocumentation searched (classification system followed by classification system followed by classifi	ion symbols)	
IPC 6	G07F G11B H04H		
Documentat	non searched other than minimum documentation to the extent that	such documents are included in the fields se	arched
Electronic d	ata base consulted during the international search (name of data bas	e and, where practical, search terms used)	
			:
C DOCUL	ASIME CONSIDERED TO BE RELEVANT		
Category *	TENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the re	elevant nassages	Relevant to claim No.
Category	Clayon of document, with indication, where appropriate, of the re-	passages	
Α	WO,A,90 07843 (R. LANG) 12 July 1 see abstract; claims 1-85; figure		1,5,10
Α	EP,A,O 082 077 (J. GREMILLET) 22 see abstract; claims 1-9; figure		1,2,5,10
A	DE,A,38-20-835 (U. BLUM-BURKHARD) January 1989	7) 12	
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Furt	her documents are listed in the continuation of box C.	X Patent family members are listed i	n annex.
* Special ca	tegories of ated documents :	T later document published after the inte	
'A' docum	ent defining the general state of the art which is not tered to be of particular relevance	or priority date and not in conflict will cited to understand the principle or th	in the application but eory underlying the
E earlier	document but published on or after the international	invention 'X' document of particular relevance; the	claimed invention
	ent which may throw doubts on priority claim(s) or	cannot be considered novel or cannot involve an inventive step when the do	be considered to curnent is taken alone
citatio	n or other special reason (as specified)	Y document of particular relevance; the cannot be considered to involve an in	ventive step when the
	tent referring to an oral disclosure, use, exhibition or means	document is combined with one or mo ments, such combination being obvious	ore other such docu- us to a person skilled
	ent published prior to the international filing date but han the priority date claimed	in the art. *& document member of the same patent	family
	actual completion of the international search	Date of mailing of the international se-	arch report
1	6 February 1996	26.02.96	
Name and	mailing address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk		
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	David, J	

information on patent family members

Interminal Application No PC+/FR 95/01338

Patent document cited in search report			Publication date	
WO-A-9007843	12-07-90	US-A-	4963995	16-10-90
		US-A-	5057932	15-10-91
		AU-B-	662183	24-08-95
		AU-B-	2978592	11-02-93
		AU-B-	627841	03-09-92
		AU-B-	5039990	01-08-90
		CA-A-	2006715	27-06-90
		EP-A-	0407561	16-01-91
		US-A-	5164839	17-11-92
EP-A-0082077	22-06-83	FR-A-	2518345	17-06-83
E1 A 0002077		JP-A-	58116823	12-07-83
		US-A-	4499568	12-02-85
DE-A-3820835	12-01-89	NONE		

Inter ional Application No PCI/FR 95/01336

A. CLASSI	FICATION OF SUBJECT MATTER	•	
IPC 6	G07F17/30 G11B27/00		871-34
	o International Patent Classification (IPC) or to both national classific	ation and IPC	
B. FIELDS	SEARCHED ocumentation searched (classification system followed by classification	n symbols)	
IPC 6	G07F G11B	·	
Documentat	tion searched other than minimum documentation to the extent that su	ich documents are included in the fields s	earched
Electronic d	lata base consulted during the international search (name of data base	and, where practical, search terms used)	
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	MENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the rel	evant passages	Relevant to claim No.
Category *	Citation of document, with intitization, where appropriate, or an		
Α	US,A,4 949 187 (J.M. COHEN) 14 Au see the whole document	gust`1990	1,5
A	FR,A,2 602 352 (B. KEMPF) 5 Febru see the whole document	ary 1988	1-3
A,P	EP,A,O 631 283 (BROTHER KOGYO) 28 1994 see column 6, line 46 - column 8,		1
A	figure 2 US,A,4 920 432 (D.C. EGGERS) 24 A	pril 1990	
A	DE,A,38 20 835 (U. BLUM-BURKHARDT January 1989	1) 12	
	·		
Fu	urther documents are listed in the continuation of box C.	X Patent family members are lister	in annex.
Special	categories of cited documents:	"T" later document published after the ir or priority date and not in conflict	nternational filing date
'A' docu	ment defining the general state of the art which is not sidered to be of particular relevance	ated to understand the principle or invention	theory underlying the
'E' cartie	er document but published on or after the international	"X" document of particular relevance; the	or be considered m
'L' docu	ing date iment which may throw doubts on priority claim(s) or ch is cited to establish the publication date of another	involve an inventive step when the	document is taken about
l citat	tion or other special reason (as specified) ument referring to an oral disclosure, use, exhibition or	cannot be considered to involve an document is combined with one or ments, such combination being obv	more other such docu-
'P' docu	er means ment published prior to the international filing date but	in the art. '&' document member of the same pate	
late	r than the priority date claimed the actual completion of the international search	Date of mailing of the international	
Date of t		25.0	
	15 February 1996	Authorized officer	
Name an	nd mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk		
1.	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	David, J	

information on patent family members

Interior and Application No
PCI/FR 95/01336

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US-A-4949187	14-08-90			
FR-A-2602352	05-02-88	NONE		
EP-A-0631283	28-12-94	JP-A- JP-A- JP-A- EP-A-	7013576 7212696 7219566 0665550	17-01-95 11-08-95 18-08-95 02-08-95
US-A-4920432	24-04-90	NONE		
DE-A-3820835	12-01-89	NONE		

Inte onal Application No
PCT/FR 95/01337

		101/11/2007	
A. CLASS IPC 6	G07F17/30 G11B27/00	-1 F8	35
According t	o International Patent Classification (IPC) or to both national classi	cation and IPC	
B. FIELDS	SEARCHED		
Minimum d IPC 6	ocumentation searched (classification system followed by classificat G07F G11B H04H	on symbols)	
Documental	tion searched other than minimum documentation to the extent that	ich documents are included in the fields searched	
Electronic d	lata base consulted during the international search (name of data bas	and, where practical, search terms used)	
		•	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the re	evant passages Relevant to	claim No.
Α	WO,A,93 18465 (ARACHNID) 16 Septe see the whole document	mber 1993 1,3,8	,
A	EP,A,O 283 350 (ETAT FRANCAIS) 21 September 1988		
Α	WO,A,94 03894 (E-SYSTEMS) 17 Febr	uary 1994	
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Furt	her documents are listed in the continuation of box C.	Patent family members are listed in annex.	
* Special ca	tegories of cited documents:	[later document published after the international filing da	te
	ent defining the general state of the art which is not ered to be of particular relevance	or priority date and not in conflict with the application cited to understand the principle or theory underlying the invention	but
E' earlier	document but published on or after the international date	X [*] document of particular relevance; the claimed invention cannot be considered novel or cannot be considered ω	
"L" docum which	ent which may throw doubts on priority claim(s) or	involve an inventive step when the document is taken al Y document of particular relevance; the claimed invention	
O' docum other i	ent referring to an oral disclosure, use, exhibition or means	cannot be considered to involve an inventive step when document is combined with one or more other such doc ments, such combination being obvious to a person skill in the art.	u·
	ent published prior to the international filing date but han the priority date claimed	document member of the same patent family	
Date of the	actual completion of the international search	Date of mailing of the international search report	
1	6 February 1996	26. 02 96	
Name and r	nailing address of the ISA	Authorized officer	
-	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk		
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	David, J	

Information on patent family members

Int. tional Application No PUT/FR 95/01337

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO-A-9318465	16-09-93	US-A- CA-A- EP-A- JP-T-	5355302 2131375 0630501 7504517	11-10-94 16-09-93 28-12-94 18-05-95
EP-A-0283350	21-09-88	FR-A- DE-A- JP-A- US-A-	2611942 3877389 63296543 4956768	09-09-88 25-02-93 02-12-88 11-09-90
WO-A-9403894	17-02-94	AU-B-	4801893	03-03-94

Interna d Application No
PCT/FR 94/01185

A. CLASS IPC 6	GO7F17/30		871-30
According	to International Patent Classification (IPC) or to both national class	safication and IPC	
	S SEARCHED		
IPC 6	documentation searched (classification system followed by classification s	ation symbols)	
Documenta	tion searched other than minimum documentation to the extent tha	t such documents are included in the fields	searched
Electronic	lata base consulted during the international search (name of data be	ase and, where practical, search terms used)	
C. DOCUM	IENTS CONSIDERED TO BE RELEVANT	•	
Category *	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.
	10 14 00 1046F (ADAGUNIED) 16 Cont		1 2
X A	WO,A,93 18465 (ARACHNID) 16 Sept see the whole document	ember 1993	1,2 4-6
Α	GB,A,2 122 799 (V I LEISURE) 18	January	1,3
,	1984		
	see abstract		
A	WO,A,91 20082 (ARACHNID) 26 Dece	mber 1991	
Α	GB,A,2 193 420 (PETYARD) 3 Febru	ary 1988	
C Sur	her documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
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·	stegories of cited documents : ient defining the general state of the art which is not	"T" later document published after the int or priority date and not in conflict we cited to understand the principle or the	ith the application but
conad	tered to be of paracular relevance document but published on or after the international	invention 'X' document of particular relevance; the	claimed invention
filing filing	date ent which may throw doubts on priority claim(s) or	cannot be considered novel or canno involve an inventive step when the do	ocument is taken alone
citatio	is cited to establish the publication date of another in or other special reason (as specified) tentering to an oral disclosure, use, exhibition or	"Y" document of particular relevance; the cannot be considered to involve an in document is combined with one or m	ore other such docu-
other i	means ent published prior to the international filing date but	ments, such combination being obvious in the art. *&* document member of the same patent	
	han the priority date claimed actual completion of the international search	Date of mailing of the international se	
	·	1 4	i. 07. 95
2	6 June 1995		
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer	
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	David, J	

#C1/rk 94/U1105

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